On page 5, please replace the existing paragraph beginning on line 13 with the following paragraph:

-- One system that has attempted to automate disease management for insulin therapy in diabetes mellitus is the DIACARE® System, described in U.S. Patent No. 4,731,726. Unfortunately, the DIACARE® System is narrowly focused on treating diabetic patients using insulin, and lacks many of the important features of a system that would be necessary for delivering a wide variety of interventions in a number of medical diseases or conditions such as anticoagulation therapy. --

On page 8, please replace the existing paragraph beginning on line 13 with the following paragraph:

-- According to one embodiment of the present invention, anticoagulation therapy is indicated for such diseases such as atrial fibrillation, deep venous thrombosis, and thrombosis secondary to prosthetic heart value replacement. Other medical diseases or conditions that can be managed using these methods include seizure disorders, attention deficit hyperactivity disorder, cancer therapies and palliative treatments, pain control, renal dysfunction, various forms of depression including manic depression, high blood pressure, asthma, physical rehabilitation following injury, surgery or stroke, cardiovascular conditioning in cardiac rehabilitation, primary prevention and wellness promotion in at-risk groups, can all be monitored and prescriptively controlled via a remote and preferably portable apparatus. Typically, disease therapy (also referred to as chronic disease management) includes a medication regimen (e.g., warfarin for anticoagulation therapy, lithium or DEPAKOTE® (Divalproex Sodium, Abbott Labs) medication for manic depression, DEPAKENE® (valproic acid, Abbott Labs) or TEGRETOL® (carbamazepine USP; Basel Pharmaceuticals) for seizure disorders, RITALIN® (methylphenidate hydrochloride USP; CIBA Pharmaceuticals) for attention deficit hyperactivity disorder, or G-CSF (granulocyte colony stimulating factor) or erythropoietin (a hormone manufactured primarily in the kidneys which stimulates red blood cell production) for cancer chemotherapy

patients, L-dopa therapy in Parkinson's Disease, and test regimens for monitoring the efficacy or toxicity of the medication dosing regimen. In rehabilitation and wellness promotion the prescription may include exercises and assessment could involve measurement of physical conditioning, range of motion, strength, endurance, rigidity, fine motor control, tremors, and the like. These can be monitored remotely and algorithmically adjusted using prescribed software routines. Exemplary test regimens for diseases include prothrombin time (PT) test for anticoagulation, white blood cell count in cancer chemotherapy patients, potassium or bicarbonate in patients with renal failure, blood pressure in hypertension, heart rate recovering in physical conditioning, depression rating scores or neuropsychological test performance in depression, and pain rating scales in chronic pain, for example. --

On page 29, please replace the existing paragraph beginning on line 1 with the following paragraph:

-- Preferably, a CMC **16** has an Intel® 80486 processor (or equivalent) with at least eight megabytes (8 MB) of RAM, and at least five megabytes (5 MB) of persistent computer storage for caching. Even more preferable is an Intel® Pentium® processor (or equivalent). However, it is to be understood that various processors may be utilized to carry out the present invention without being limited to those enumerated herein. Although a color display is preferable, a black and white display or standard broadcast or cable television monitor may be used. A CMC **16**, if an IBM®, or IBM-compatible personal computer, preferably utilizes either a WINDOWS®3.1, WINDOWS 95®, WINDOWS NT®, UNIX®, or OS/2® operating system. However, it is to be understood that a terminal not having computational capability, such as an IBM® 3270 terminal or a network computer (NC), or having limited computational capability, such as a network PC (Net PC) may be utilized in accordance with an embodiment of the present invention for accessing the Internet in a client capacity. --